

SERPIND1 rabbit monoclonal antibody

Catalog # H00003053-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SERPIND1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SERPIND1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SERPIND1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SERPIND1

Entrez GeneID	3053
GeneBank Accession#	SERPIND1
Gene Name	SERPIND1
Gene Alias	D22S673, HC2, HCF2, HCII, HLS2, LS2
Gene Description	serpin peptidase inhibitor, clade D (heparin cofactor), member 1
Omim ID	142360
Gene Ontology	Hyperlink
Gene Summary	The product encoded by this gene is a serine proteinase inhibitor which rapidly inhibits thrombin in the presence of dermatan sulfate or heparin. The gene contains five exons and four introns. This protein shares homology with antithrombin III and other members of the alpha 1-antitrypsin superfamily. Mutations in this gene are associated with heparin cofactor II deficiency. [provided by RefSeq]
Other Designations	heparin cofactor III leuserpin 2 serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)